

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080942.D
 Acq On : 8 Aug 2015 1:07
 Operator : TP/UM
 Sample : PB84907BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 02:04:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

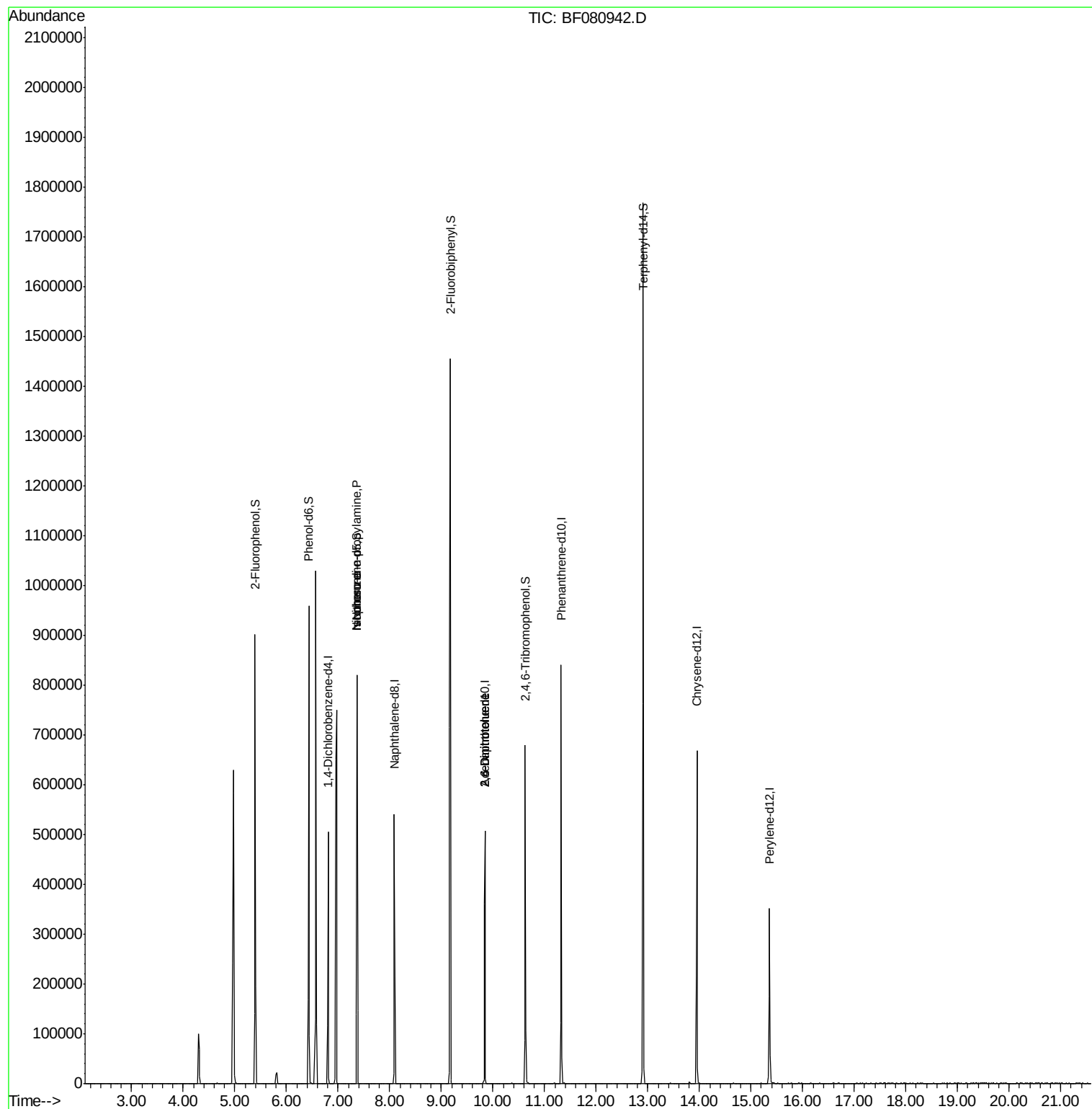
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	70978	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	249291	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	128704	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	279123	20.00	ng	0.00
75) Chrysene-d12	13.95	240	239810	20.00	ng	-0.01
86) Perylene-d12	15.36	264	161704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	217739	50.12	ng	0.01
7) Phenol-d6	6.43	99	285563	47.97	ng	-0.01
23) Nitrobenzene-d5	7.37	82	253556	48.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	66431	46.98	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	516857	56.54	ng	0.00
78) Terphenyl-d14	12.91	244	595416	51.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	33356	7.67	ng	# 80
25) Isophorone	7.37	82	221803	21.88	ng	# 65
50) 2,6-Dinitrotoluene	9.85	165	15650	7.09	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	15650	5.30	ng	# 7

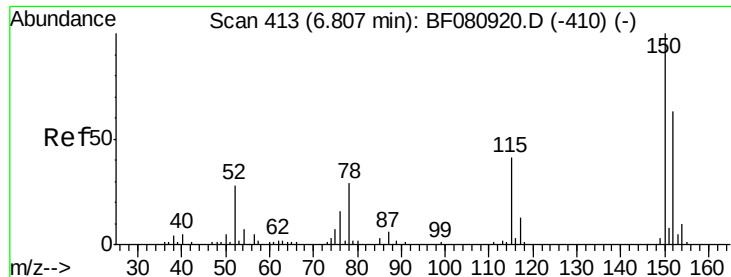
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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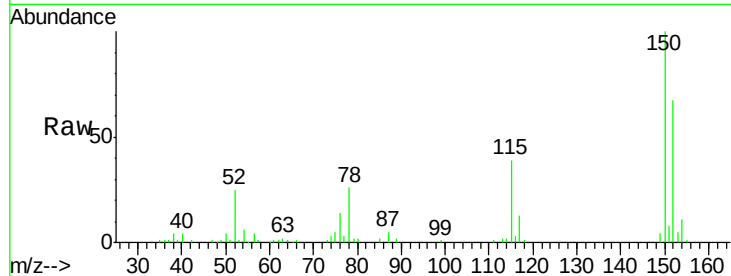


#1

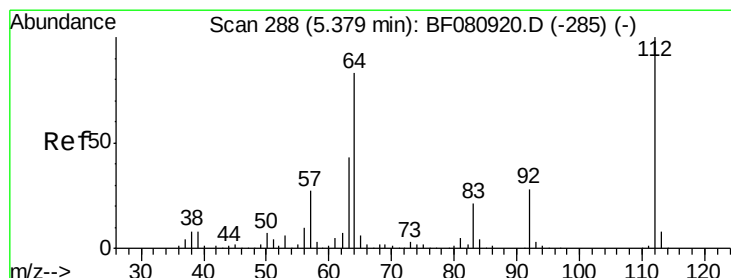
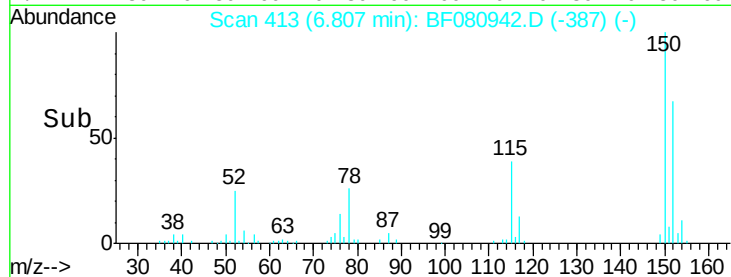
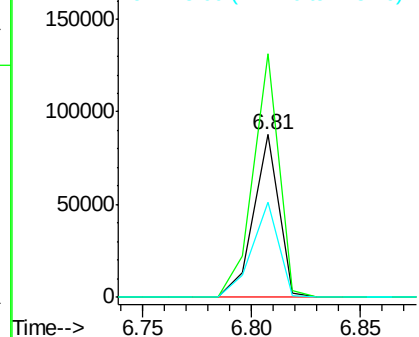
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080942.D
Acq: 8 Aug 2015 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70978
Ion Ratio Lower Upper
152 100
150 149.9 127.4 191.2
115 58.8 52.6 78.8



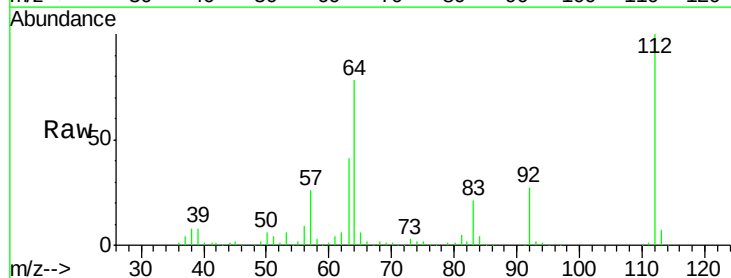
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



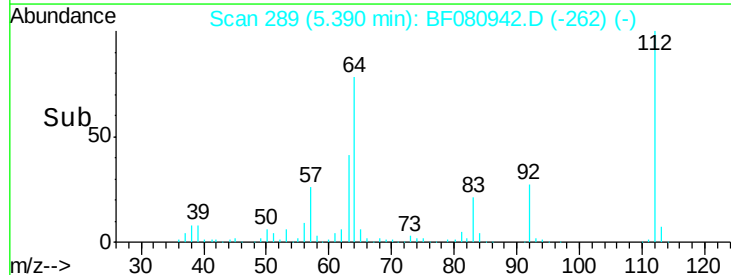
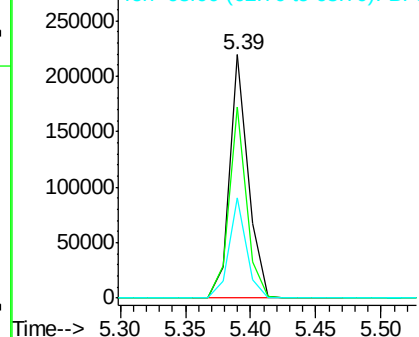
#5

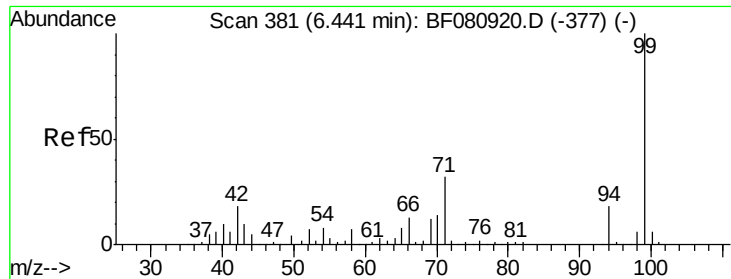
2-Fluorophenol
Concen: 50.12 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080942.D
Acq: 8 Aug 2015 1:07

Tgt Ion:112 Resp: 217739
Ion Ratio Lower Upper
112 100
64 78.4 66.1 99.1
63 41.1 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.97 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080942.D

Acq: 8 Aug 2015 1:07

Instrument :

BNA_F

ClientSampleId :

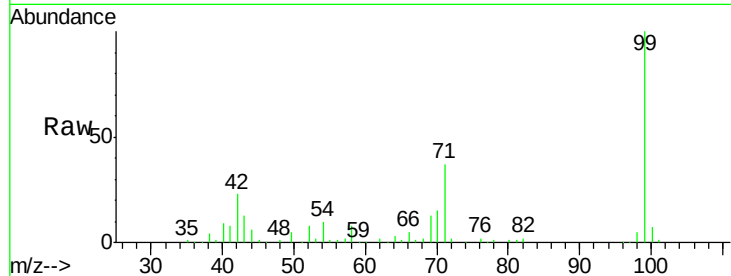
Tot Ion: 99 Resp: 285563

Ion Ratio Lower Upper

99 100

42 23.5 14.4 21.6#

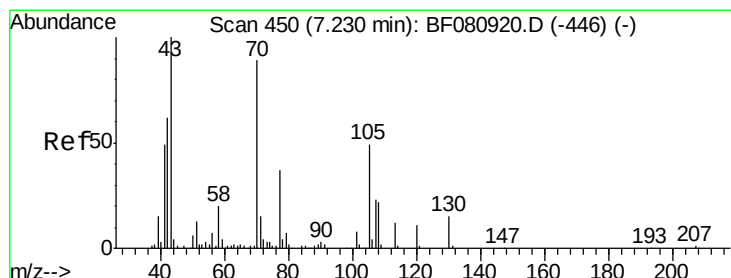
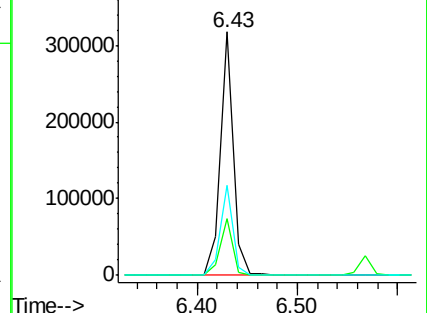
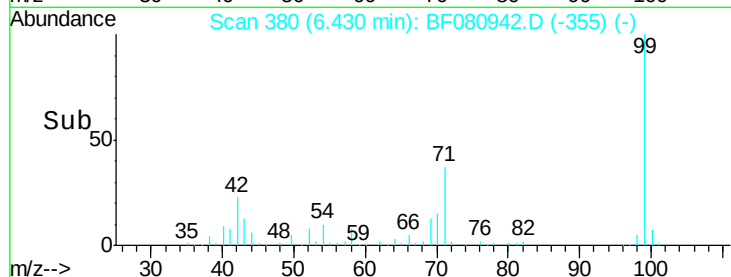
71 37.2 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 7.67 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF080942.D

Acq: 8 Aug 2015 1:07

Tgt Ion: 70 Resp: 33356

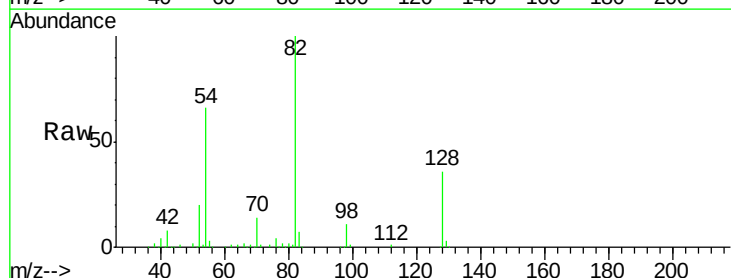
Ion Ratio Lower Upper

70 100

42 56.6 55.7 83.5

101 0.0 7.0 10.6#

130 1.7 13.8 20.8#

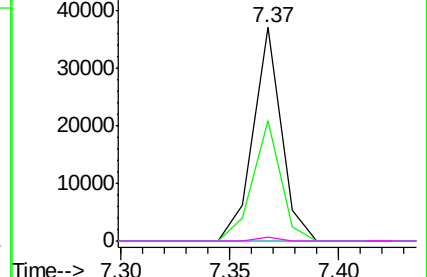
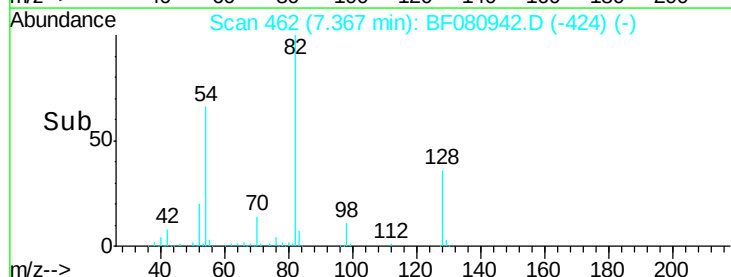


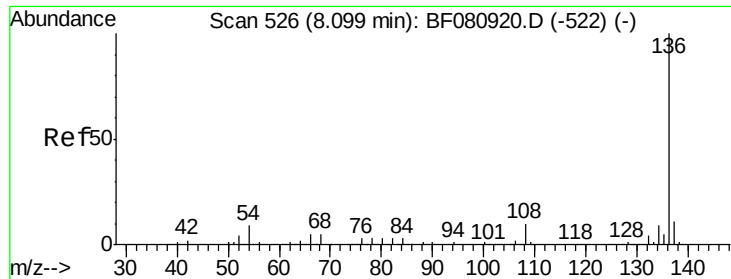
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

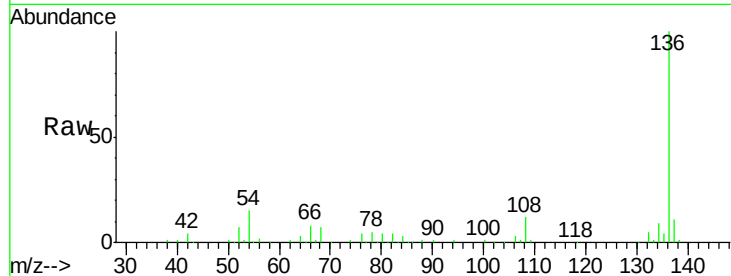




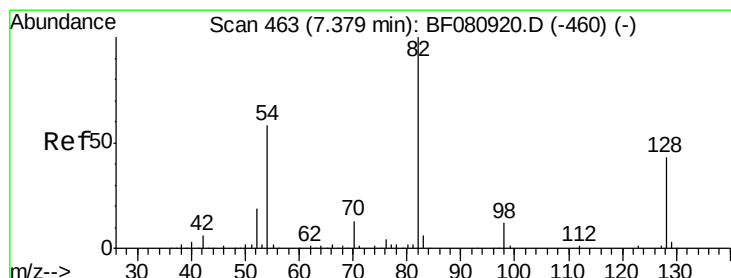
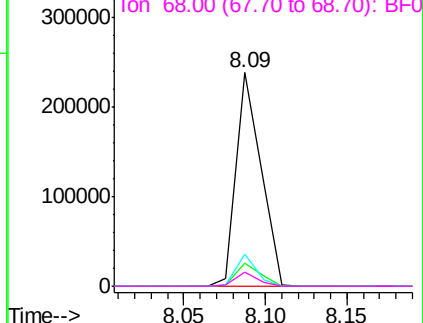
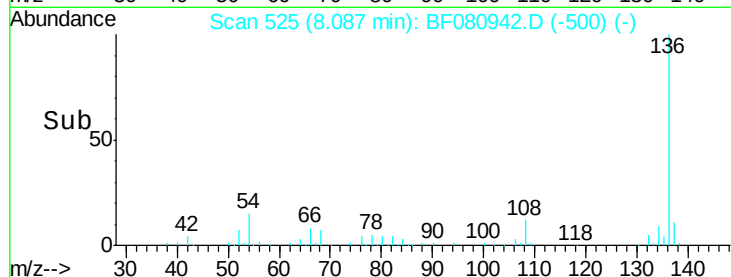
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080942.D
Acq: 8 Aug 2015 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	249291
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	14.8	7.1 10.7#
68	6.8	3.8 5.8#

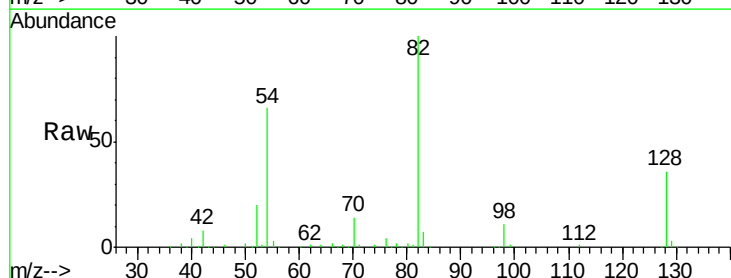


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

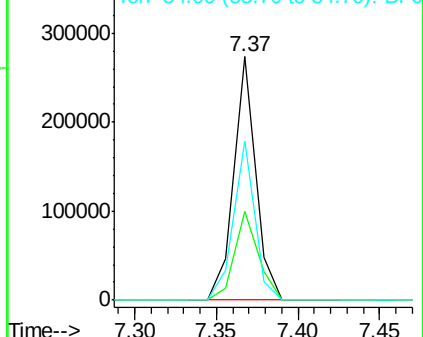
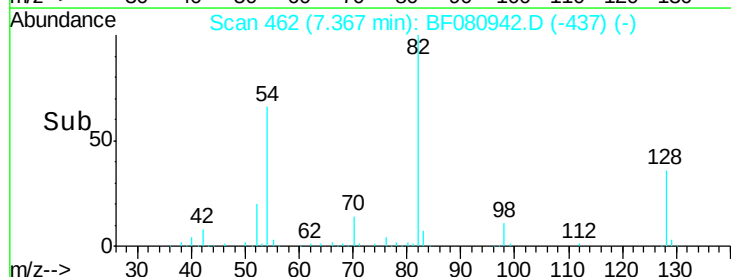


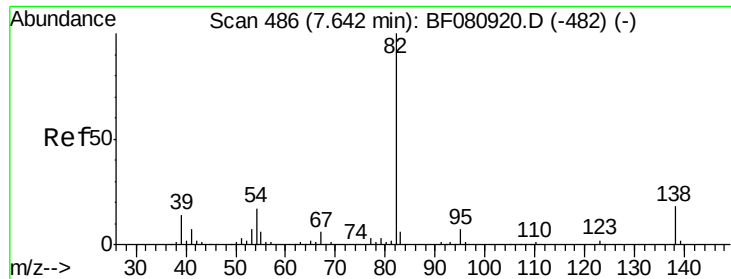
#23
Nitrobenzene-d5
Concen: 48.11 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080942.D
Acq: 8 Aug 2015 1:07

Tgt Ion: 82	Resp:	253556
Ion Ratio	Lower	Upper
82	100	
128	36.2	34.1 51.1
54	65.5	46.5 69.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 21.88 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF080942.D

Acq: 8 Aug 2015 1:07

Instrument :

BNA_F

ClientSampleId :

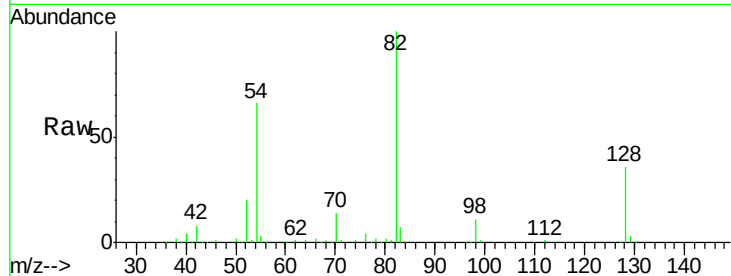
Tot Ion: 82 Resp: 221803

Ion Ratio Lower Upper

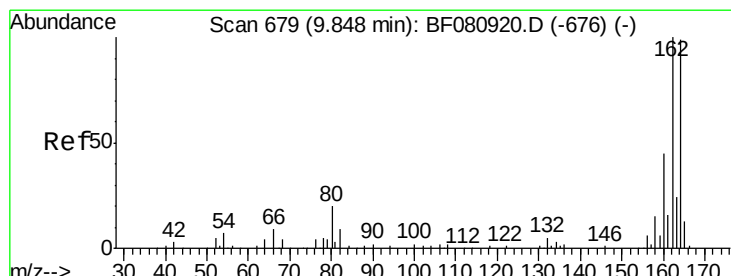
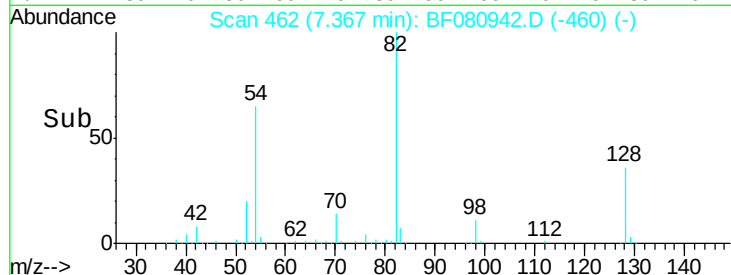
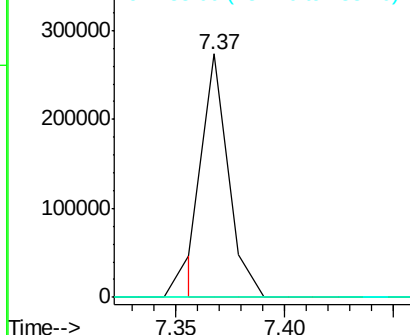
82 100

95 0.0 5.8 8.6#

138 0.0 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080942.D

Acq: 8 Aug 2015 1:07

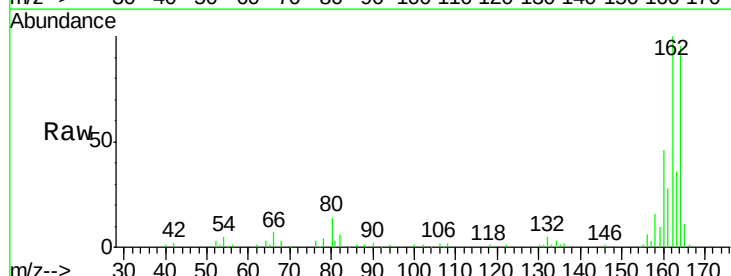
Tgt Ion:164 Resp: 128704

Ion Ratio Lower Upper

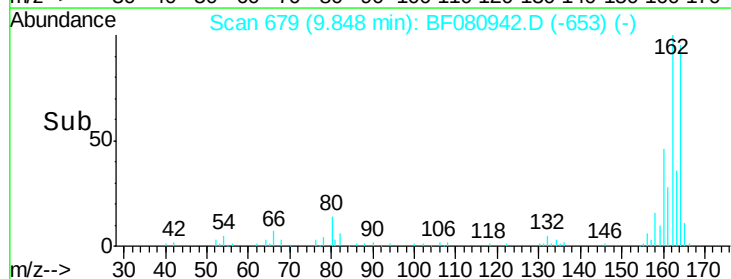
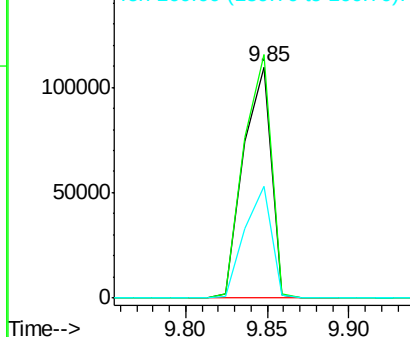
164 100

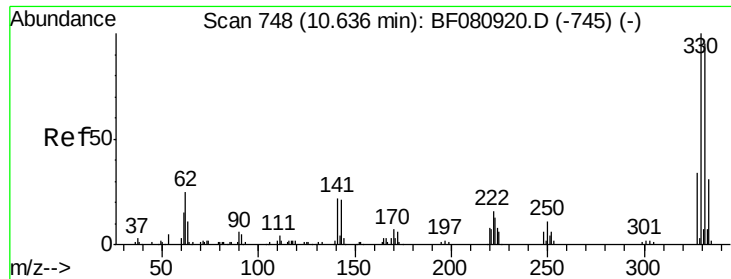
162 105.3 80.5 120.7

160 48.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

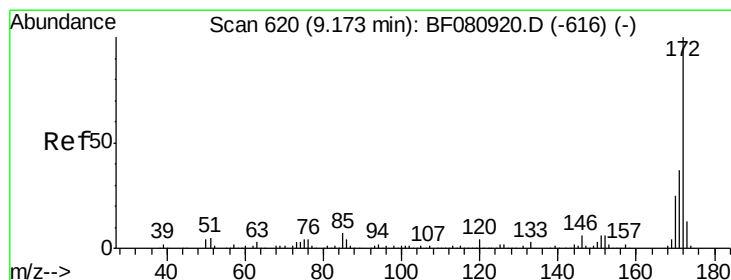
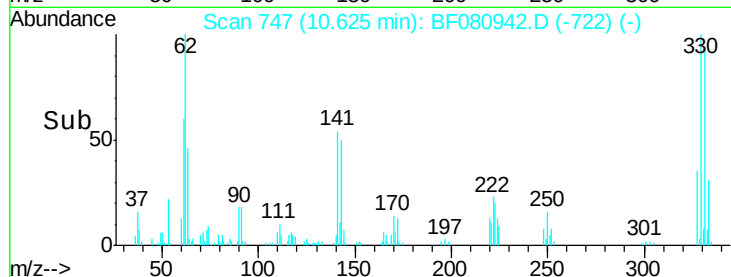
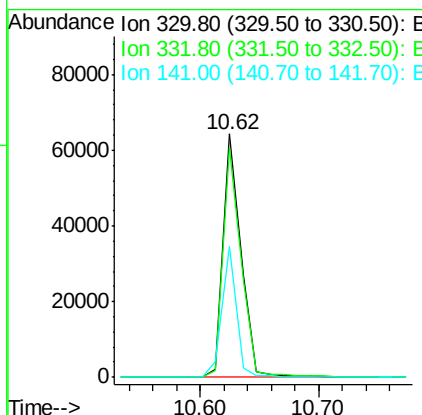
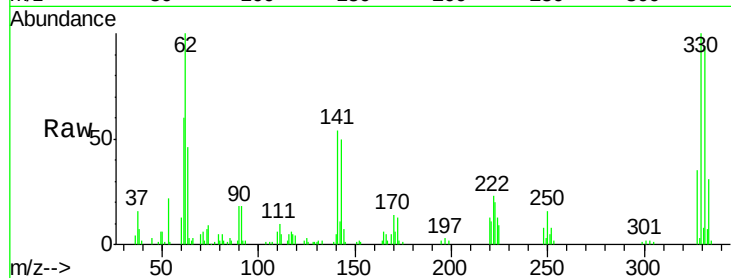




#41
 2,4,6-Tribromophenol
 Concen: 46.98 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF080942.D
 Acq: 8 Aug 2015 1:07

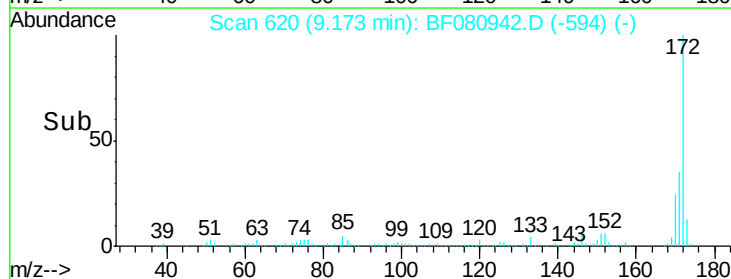
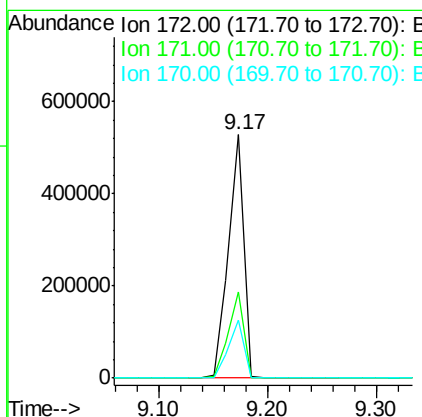
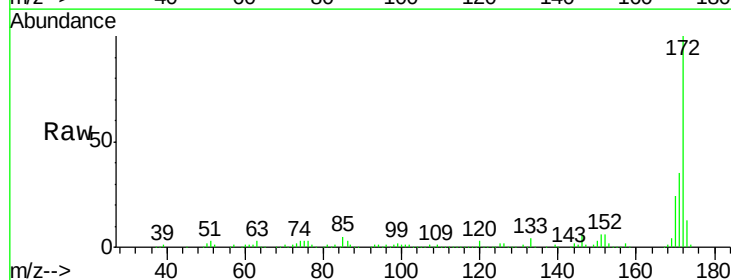
Instrument :
 BNA_F
 ClientSampled :

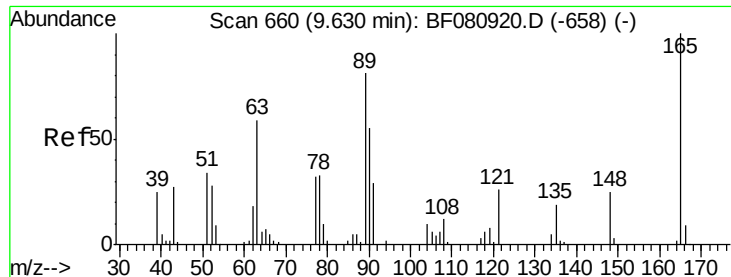
Tot Ion:330 Resp: 66431
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 43.2 27.8 41.8#



#44
 2-Fluorobiphenyl
 Concen: 56.54 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080942.D
 Acq: 8 Aug 2015 1:07

Tgt Ion:172 Resp: 516857
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.8 19.7 29.5

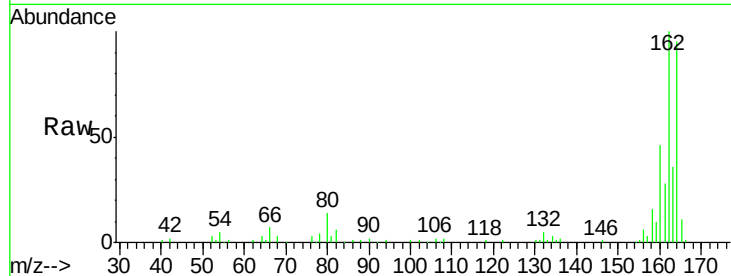




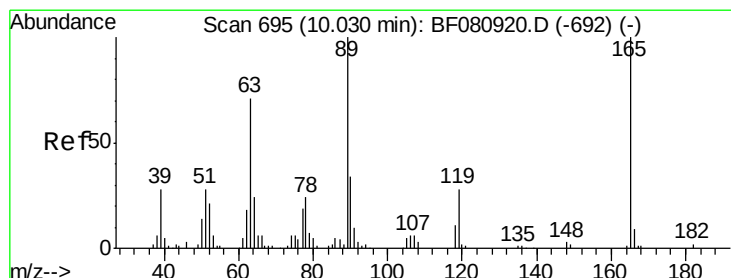
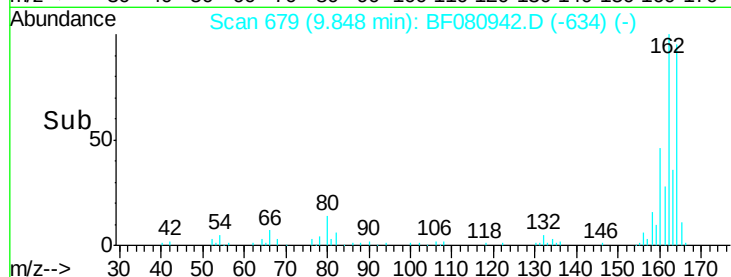
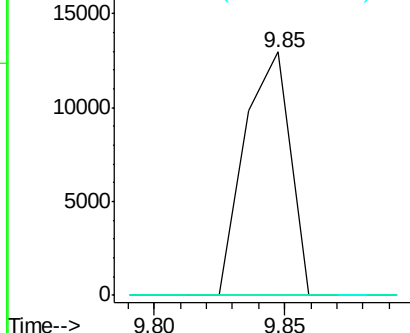
#50
 2,6-Dinitrotoluene
 Concen: 7.09 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.22 min
 Lab File: BF080942.D
 Acq: 8 Aug 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 15650
 Ion Ratio Lower Upper
 165 100
 63 0.0 77.6 116.4#
 89 0.0 64.5 96.7#

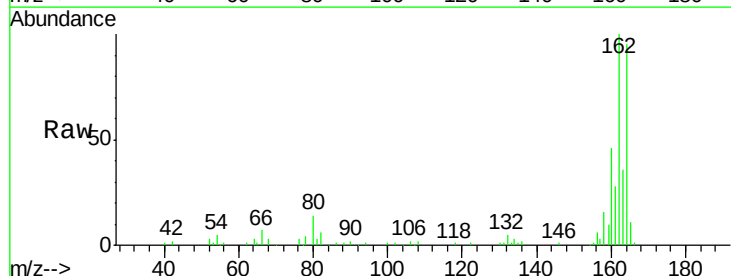


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

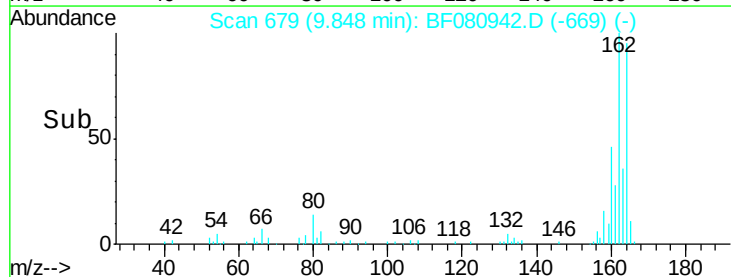
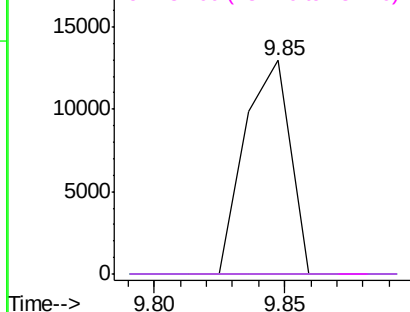


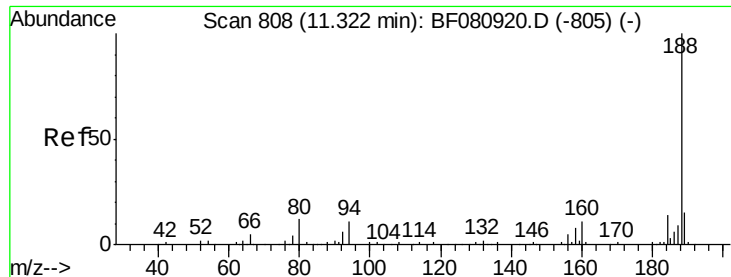
#56
 2,4-Dinitrotoluene
 Concen: 5.30 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.18 min
 Lab File: BF080942.D
 Acq: 8 Aug 2015 1:07

Tgt Ion:165 Resp: 15650
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.7 85.1#
 89 0.0 80.4 120.6#
 182 0.0 1.5 2.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

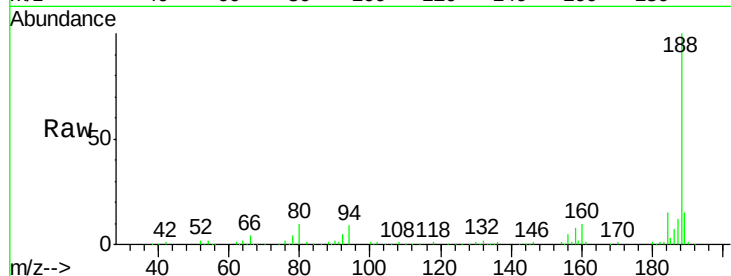




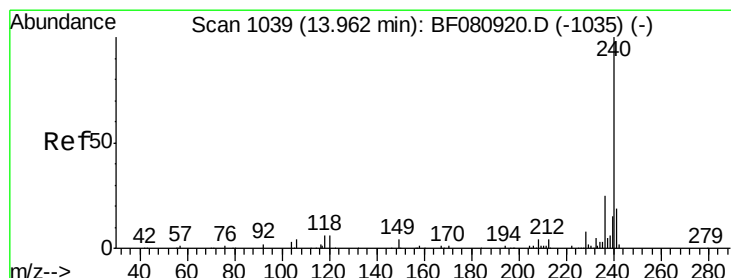
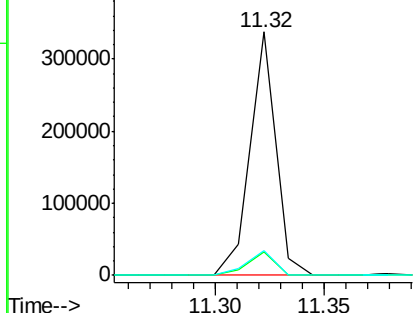
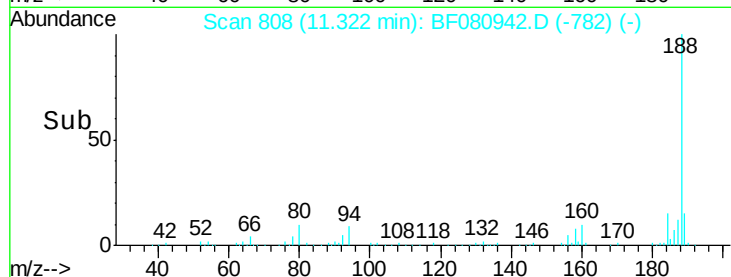
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080942.D
Acq: 8 Aug 2015 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 279123
Ion Ratio Lower Upper
188 100
94 9.4 8.8 13.2
80 10.1 9.5 14.3

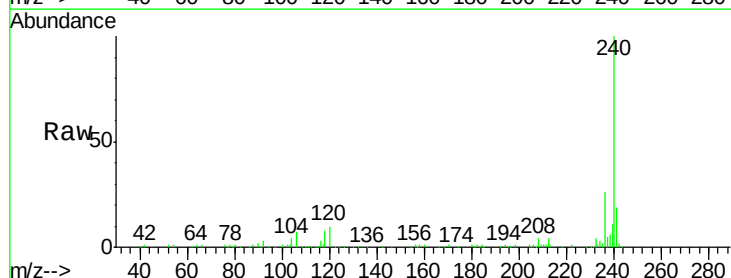


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

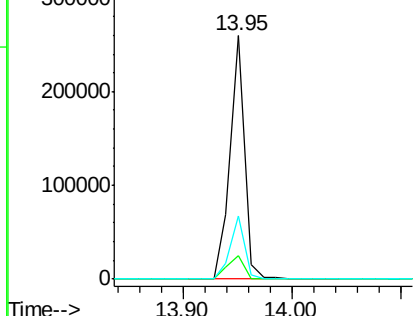
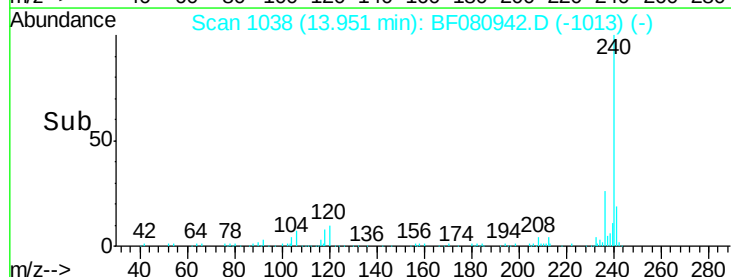


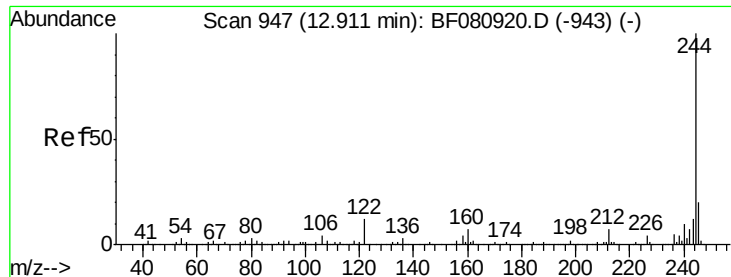
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080942.D
Acq: 8 Aug 2015 1:07

Tgt Ion:240 Resp: 239810
Ion Ratio Lower Upper
240 100
120 9.7 5.2 7.8#
236 26.1 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

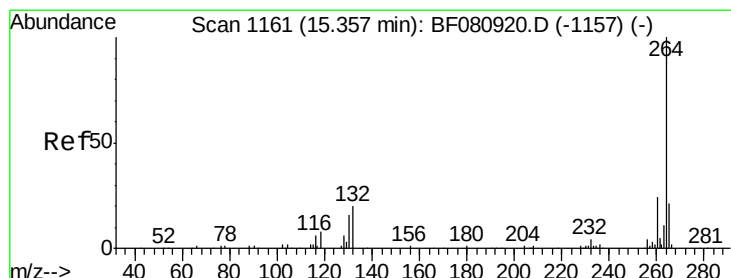
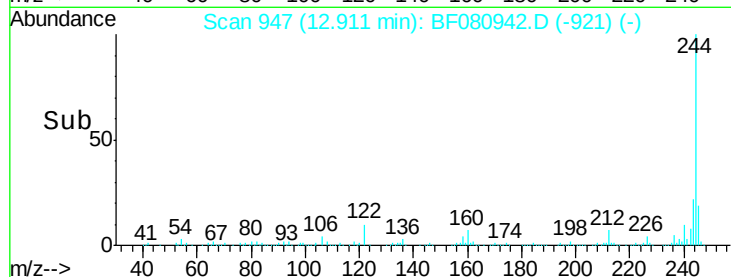
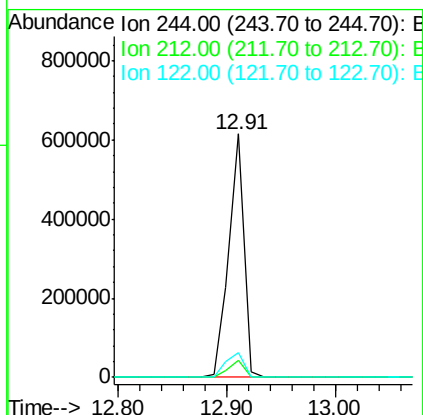
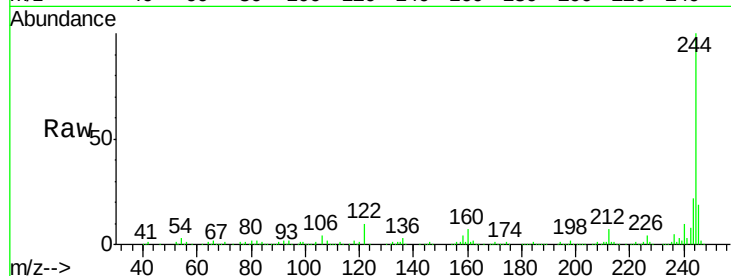




#78
 Terphenyl-d14
 Concen: 51.28 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080942.D
 Acq: 8 Aug 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 595416
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.0 9.4 14.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080942.D
 Acq: 8 Aug 2015 1:07

Tgt Ion:264 Resp: 161704
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 21.2 17.0 25.4

